

IN THE CLAIMS

Claim 1 has been amended as follows:

1. (Currently amended) A medical system architecture comprising:
a modality for acquiring examination images;
a processor connected to said modality for processing said examination
images;
a user interface for said processor;
a transmission system connected to said processor for transmitting said
examination images to a location remote from said processor;
a memory connected to said transmission system for storing said examination
images; and
an RIS server; and

said processor being programmed as an RIS client with an RIS mediator for
exchanging text messages and for displaying an RIS client window at
said interface and for creating RIS interaction masks at said interface,
and ~~said workstation having~~ producing a network connection to ~~an~~ said
RIS server for communicating with said RIS client to allow transfer of
images from said remote location to said processor via said RIS server
for general purpose processing and analysis of said images at said
processor, using said RIS client window and said RIS interaction
masks

2. (Original) A medical system architecture as claimed in claim 1
wherein said processor comprises RIS client software for processing said
examination images.

3. (Original) A medical system architecture as claimed in claim 2 wherein said processor includes general operating software, and wherein said RIS client software is integrated into said general operating software.

4. (Original) A medical system architecture as claimed in claim 2 wherein said processor includes a user interface, and wherein said RIS client software is integrated into said user interface.

5. (Original) A medical system architecture as claimed in claim 2 wherein said processor includes platform software, and wherein said RIS client software is integrated into said platform software.

6. (Original) A medical system architecture as claimed in claim 1 wherein said processor has a monitor, and wherein said processor is programmed for displaying said examination images on said monitor and for mixing said RIS client window into a display on said monitor next to said examination images.

7. (Original) A medical system architecture as claimed in claim 6 wherein said processor displays an icon on said monitor with which said RIS client window can be opened.

8. (Original) A medical system architecture as claimed in claim 1 wherein said processor includes a user interface, and wherein said RIS client has a task card allocated thereto on said user interface.

9. (Original) A medical system architecture as claimed in claim 1 wherein a workflow associated with acquiring and processing and processing said examination images is controlled by said RIS client for automatic information transmission.

10. (Original) A medical system architecture as claimed in claim 1 wherein said processor functions as a control console for said modality, and wherein said RIS client supplies data for analyzing said examination images.

11. (Original) A medical system architecture as claimed in claim 1 wherein said RIS client comprises a statistics module for evaluating data associated with said examination images.